

| L Number | Hits | Search Text  | DB  | Time stamp       |
|----------|------|--|---|------------------|
| 2        | 0    | 4839889.pn. and converter  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 13:38 |
| 3        | 0    | 4839889.pn. and up   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 13:38 |
| 1        | 2    | 4839889.pn.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 13:46 |
| 4        | 2    | 5268905.pn.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 13:56 |
| 5        | 1    | 375/259.ccls. and filter adj tree  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 13:59 |
| 6        | 2    | 375/259.ccls. and filter near2 tree  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 13:59 |
| 7        | 0    | 375/259.ccls. and tree same FFT  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 13:59 |
| 8        | 109  | filter adj tree  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 13:59 |
| 9        | 22   | filter adj tree and quadrature   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 16:35 |
| 10       | 2    | (US-4839889-\$ or US-5268905-\$).did.  | USPAT                                       | 2004/03/26 14:00 |
| 11       | 0    | ((US-4839889-\$ or US-5268905-\$).did.) and quadrature   | USPAT                                       | 2004/03/26 14:01 |
| 12       | 1    | ((US-4839889-\$ or US-5268905-\$).did.) and complex  | USPAT                                       | 2004/03/26 14:01 |
| 15       | 18   | 4839889.URPN.  | USPAT                                       | 2004/03/26 14:56 |
| 16       | 2    | ("4393456"   "4412325").PN.  | USPAT                                       | 2004/03/26 14:10 |
| 17       | 6    | (US-4839889-\$ or US-5268905-\$ or US-6351451-\$ or US-6091704-\$ or US-5926783-\$ or US-4412325-\$).did.                          | USPAT                                       | 2004/03/26 14:24 |
| 18       | 5    | ((US-4839889-\$ or US-5268905-\$ or US-6351451-\$ or US-6091704-\$ or US-5926783-\$ or US-4412325-\$).did.) and zero               | USPAT                                       | 2004/03/26 14:25 |
| 19       | 1    | ((US-4839889-\$ or US-5268905-\$ or US-6351451-\$ or US-6091704-\$ or US-5926783-\$ or US-4412325-\$).did.) and zero adj frequency | USPAT                                       | 2004/03/26 14:25 |
| 20       | 2    | 20010022811.did. and up near2 converter  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 14:28 |

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| 23 | 12     | filter adj tree and quadrature and<br>@ad<20000228  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/26 14:43 |
| 24 | 1      | 4839889.pn. and bandwidth   | USPAT   | 2004/03/26 15:28 |
| 29 | 0      | 4839889.pn. and interleaver   | USPAT   | 2004/03/26 16:46 |
| 30 | 0      | 4839889.pn. and interleav\$5  | USPAT   | 2004/03/26 15:28 |
| 31 | 7      | (US-4839889-\$ or US-5268905-\$ or<br>US-6351451-\$ or US-6091704-\$ or US-5926783-\$<br>or US-4412325-\$ or US-6104822-\$).did.  | USPAT   | 2004/03/26 15:28 |
| 32 | 1      | ((US-4839889-\$ or US-5268905-\$ or<br>US-6351451-\$ or US-6091704-\$ or US-5926783-\$<br>or US-4412325-\$ or US-6104822-\$).did.) and<br>interleav\$4                                      | USPAT   | 2004/03/26 15:28 |
| 33 | 1      | ((US-4839889-\$ or US-5268905-\$ or<br>US-6351451-\$ or US-6091704-\$ or US-5926783-\$<br>or US-4412325-\$ or US-6104822-\$).did.) and<br>interleav\$4                                      | USPAT   | 2004/03/26 16:05 |
| 34 | 1      | (US-4839889-\$) and complex   | USPAT   | 2004/03/26 16:11 |
| 35 | 1      | (US-4839889-\$) and real same imaginary   | USPAT   | 2004/03/26 16:14 |
| 36 | 1      | (US-4839889-\$) and bandwidth   | USPAT   | 2004/03/26 16:40 |
| 37 | 0      | (US-4839889-\$) and high near2 pass   | USPAT   | 2004/03/26 16:23 |
| 38 | 0      | (US-4839889-\$) and high near2 prtion   | USPAT   | 2004/03/26 16:23 |
| 39 | 0      | (US-4839889-\$) and high near2 portion  | USPAT   | 2004/03/26 16:23 |
| 40 | 4      | filter adj bank near2 multiplex\$5 and<br>quadrature  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/26 17:24 |
| 41 | 73     | filter adj bank near2 multiplex\$5  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/26 17:20 |
| 42 | 50     | filter adj bank near2 multiplex\$5 and<br>@ad<20000228  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/26 16:36 |
| 43 | 9      | filter adj bank near2 multiplex\$5 and<br>@ad<20000228 and FFT  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/26 16:37 |
| 44 | 9      | (US-4839889-\$ or US-5268905-\$ or<br>US-6351451-\$ or US-6091704-\$ or US-5926783-\$<br>or US-4412325-\$ or US-6104822-\$ or<br>US-4792943-\$ or US-4131766-\$).did.                       | USPAT   | 2004/03/26 16:38 |
| 45 | 1      | ((US-4839889-\$ or US-5268905-\$ or<br>US-6351451-\$ or US-6091704-\$ or US-5926783-\$<br>or US-4412325-\$ or US-6104822-\$ or<br>US-4792943-\$ or US-4131766-\$).did.) and<br>interleav\$5 | USPAT   | 2004/03/26 16:38 |
| 46 | 0      | (US-4839889-\$) and digital near2 sample  | USPAT   | 2004/03/26 16:41 |
| 47 | 1      | (US-4839889-\$) and sample  | USPAT   | 2004/03/26 16:41 |
| 48 | 1      | 4839889.pn. and fir   | USPAT   | 2004/03/26 16:46 |
| 49 | 814791 | 4839889.pn. and impulse response  | USPAT   | 2004/03/26 16:46 |
| 50 | 0      | 4839889.pn. and impulse adj response  | USPAT   | 2004/03/26 16:46 |
| 51 | 1      | 4839889.pn. and fft   | USPAT   | 2004/03/26 16:51 |
| 52 | 1      | 4839889.pn. and multipl\$4  | USPAT   | 2004/03/26 16:52 |
| 53 | 0      | 4839889.pn. and oscillator  | USPAT   | 2004/03/26 16:52 |
| 54 | 0      | 4839889.pn. and oscillat\$3   | USPAT   | 2004/03/26 16:52 |
| 55 | 0      | 4839889.pn. and clock   | USPAT   | 2004/03/26 16:57 |
| 56 | 1      | 4839889.pn. and coefficient   | USPAT   | 2004/03/26 17:02 |
| 57 | 0      | 4839889.pn. and coefficient same<br>predetermined   | USPAT   | 2004/03/26 17:02 |
| 58 | 0      | 4839889.pn. and coefficient same<br>predetermin\$4  | USPAT   | 2004/03/26 17:02 |
| 59 | 1      | 4839889.pn. and coefficient   | USPAT   | 2004/03/26 17:24 |
| 60 | 0      | 4839889.pn. and multiplexers  | USPAT   | 2004/03/26 17:19 |
| 61 | 0      | 4839889.pn. and multiplexor   | USPAT   | 2004/03/26 17:19 |

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| 62 | 1    | filter adj bank near2 multiplex\$5 same multiplication     | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 17:20 |
| 63 | 0    | 4839889.pn. and poly-phase                                 | USPAT                                       | 2004/03/26 17:24 |
| 64 | 20   | filter adj bank and poly-phase adj filter                  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 17:58 |
| 65 | 7    | filter adj bank and poly-phase adj filter and @ad<20000228 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 18:08 |
| 66 | 1013 | poly-phase and 5864800.pn.                                 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 18:07 |
| 67 | 1    | poly-phase and 5864800.pn.                                 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 18:07 |
| 68 | 1    | QMF and 5864800.pn.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 18:07 |
| 69 | 57   | band-splitting adj filter and @ad<20000228                 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 18:08 |
| 70 | 1    | band-splitting adj filter and @ad<20000228 and poly        | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 18:09 |
| 71 | 57   | band-splitting adj filter and @ad<20000228                 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 18:09 |
| -  | 2    | 20010022811.did.   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/26 14:28 |